

**PSOMAS**

Balancing the Natural and Built Environment

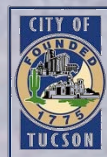


# Public Meeting

March 27, 2012

## Kolb Rd.: Connection to Sabino Canyon

COT Project No. SR8A



**CITY OF  
TUCSON**

**RTA**  
*Regional Transportation Authority*





# KOLB RD.: CONNECTION TO SABINO CANYON



## Welcome and Introductions

- **Janice Cuaron**

City of Tucson, Project Manager

- **Jan Gordley**

Gordley Group, Public Involvement



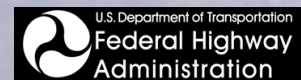
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## Sabino Canyon/Tanque Verde Intersection Construction Update

- **Joe Chase, PE**

City of Tucson, Construction Manager





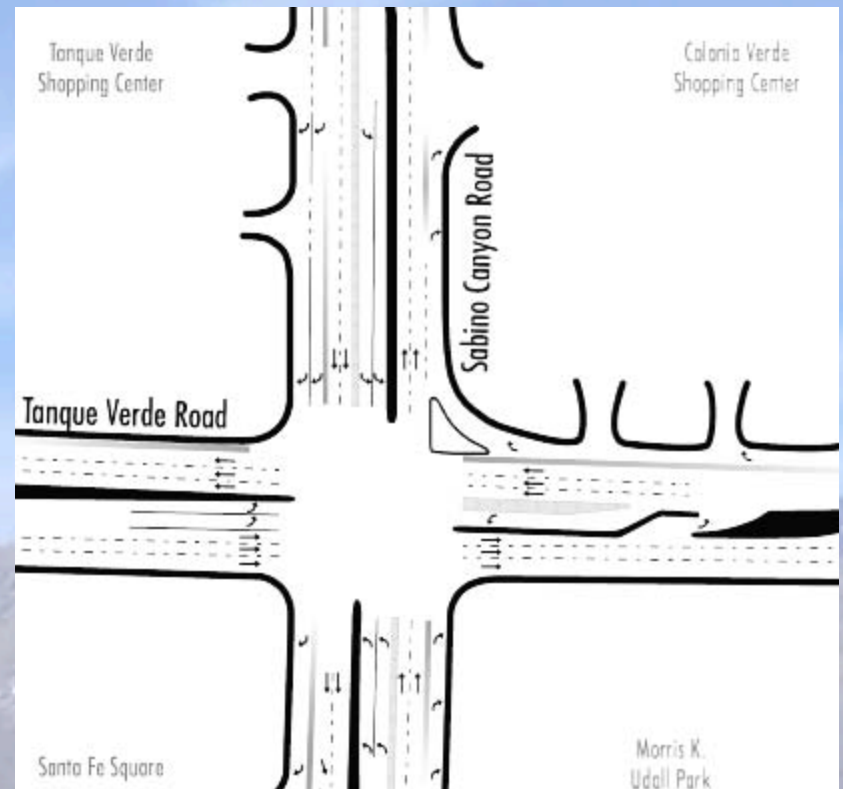


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## Sabino Canyon and Tanque Verde Intersection Improvements

- Construction Cost - \$3.45M
  - RTA Funded
- Estimated Completion Date
  - August 2012





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## Budget Update

- **Total Budget - \$21,564,233**
  - RTA Funds - \$9,104,000
  - Federal Funds - \$11,750,000
  - City Funds - \$710,233



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## Budget Update

- **Design Cost - \$3,700,000**
  - Planning - \$1,300,000
  - Intersection Design - \$700,000
  - Connection Design - \$1,100,000
  - Design Administration - \$600,000
  - To Date - \$2,228,719
- **Construction Cost - \$17,645,394**
  - Intersection Construction - \$3,345,394
  - Connection Construction - \$12,100,000
  - Construction Administration - \$2,200,000
  - To Date - \$1,289,813



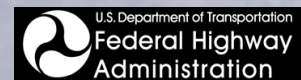
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## Project Update/Alternatives Analysis

- **Kevin Thornton, PE**

Psomas, Project Manager







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## Update

- **Public Meetings**
  - March 27, 2012
  - June 23, 2010
  - February 10, 2010
  - September 10, 2009
- **Task Force Meetings**
  - March 1, 2011
  - November 9, 2010
  - May 25, 2010





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## Update

- **Task Force Meetings (con't)**
  - January 26, 2010
  - November 19, 2009
- **Udall Park Master Plan Update**
  - Approved by Mayor and Council – June 7, 2011



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## Update

- **Homeowner/Neighborhood Association Meetings**
  - Pantano II Homeowners Association
  - Udall Park Neighborhood Association
  - Dorado Country Club Estates



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## Update

- **Business Outreach Meetings**

- 110 businesses in district
- August 2011
- June 2010
- February 2010
- June 2009

- **Project Website**

[tucsonaz.gov/project/kolb-sabino-canyon](http://tucsonaz.gov/project/kolb-sabino-canyon)



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## Project Need

- Relieve Traffic Congestion at Tanque Verde/Grant/Kolb
- Improve Air Quality
- Improve Regional Mobility





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## Alternatives Analysis

1. Sabino Canyon Extension
2. Grade Separation Alternatives
3. Parkways
4. Indirect Left Turns
5. Prudence Alignment
6. Snyder Bridge
7. No Build



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## 1. Sabino Canyon Extension

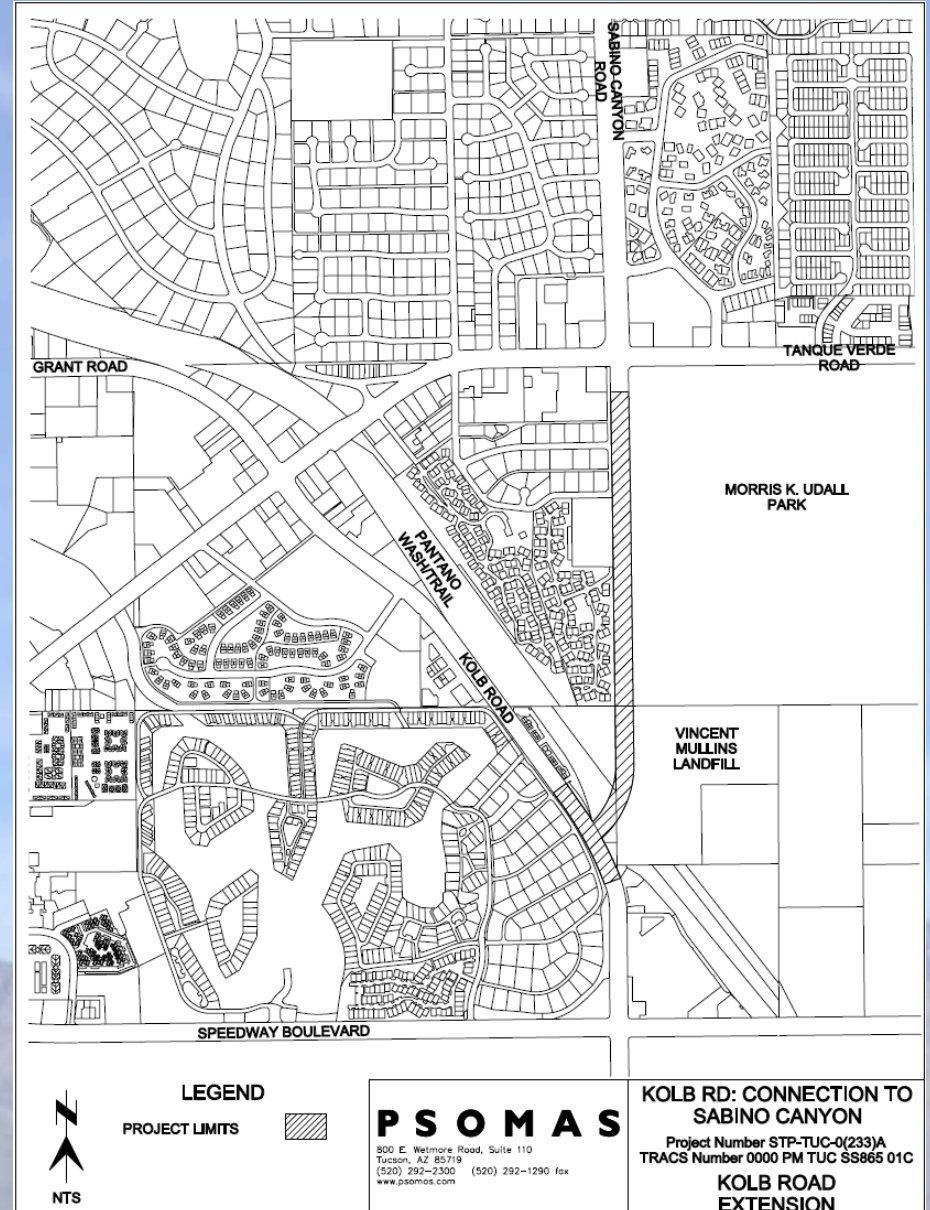
- Begins just south of Tanque Verde
- Construction Estimate – \$12.1M
  - Federal, RTA and local funding
- 4-lane Roadway
- Includes
  - Bike lanes and sidewalks
  - Bridge over landfill
  - Bridge over the Pantano Wash
  - Public art
  - Landscaping



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## 1. Sabino Canyon Extension







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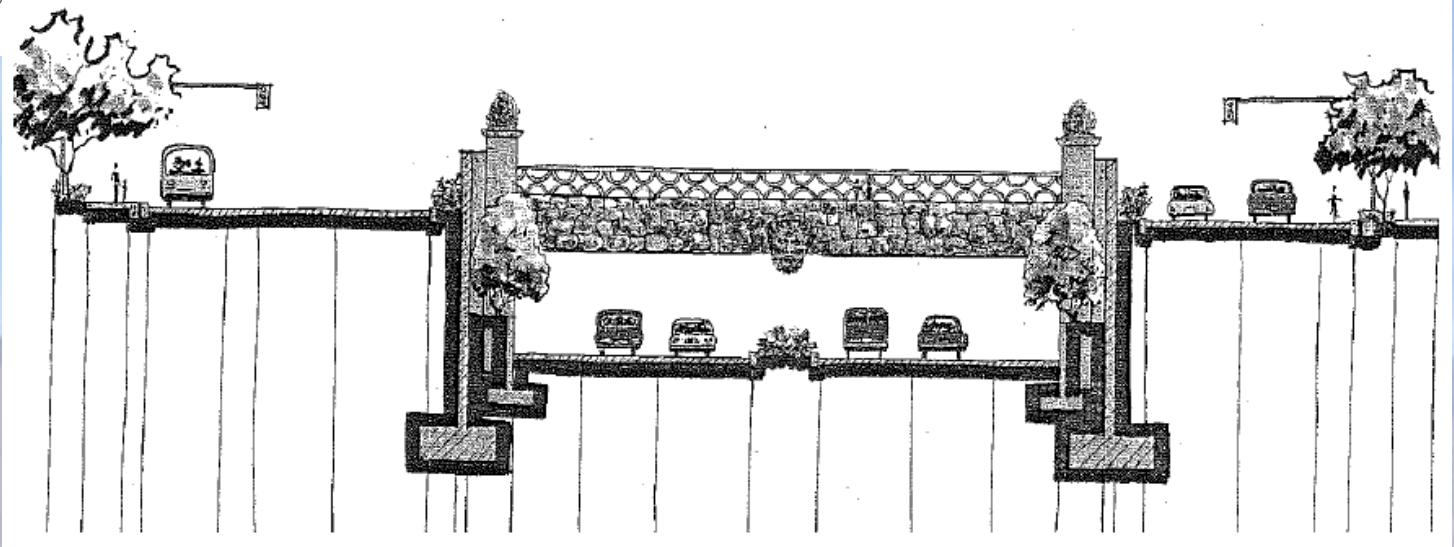
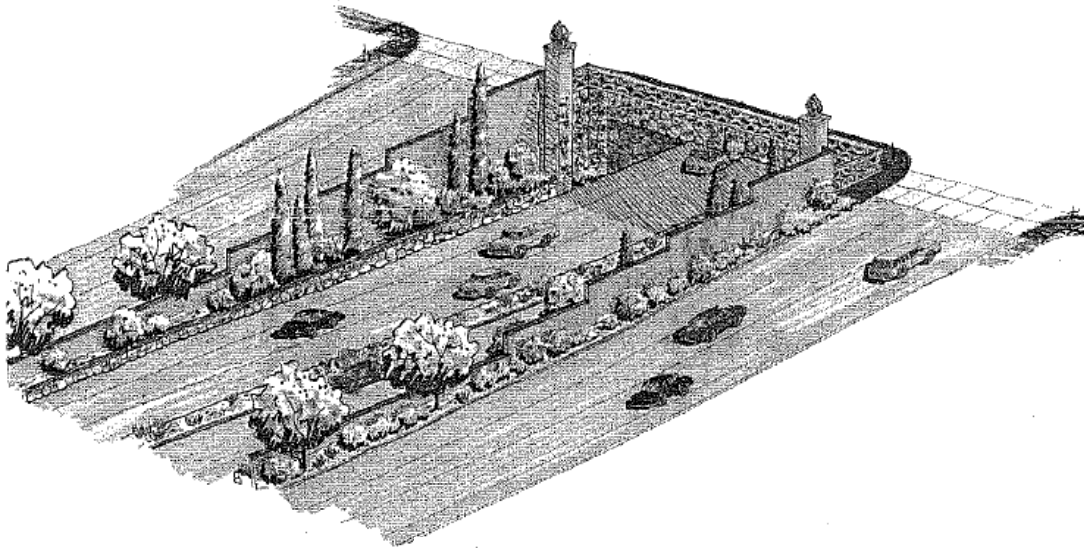
## 2. Grade Separation Intersection (GSI) Alternatives

- 1989 Environmental Design and Mitigation Report
- 3 Alternatives
  - Extension of Kolb with 3 GSIs
  - 3 GSIs
  - No Build





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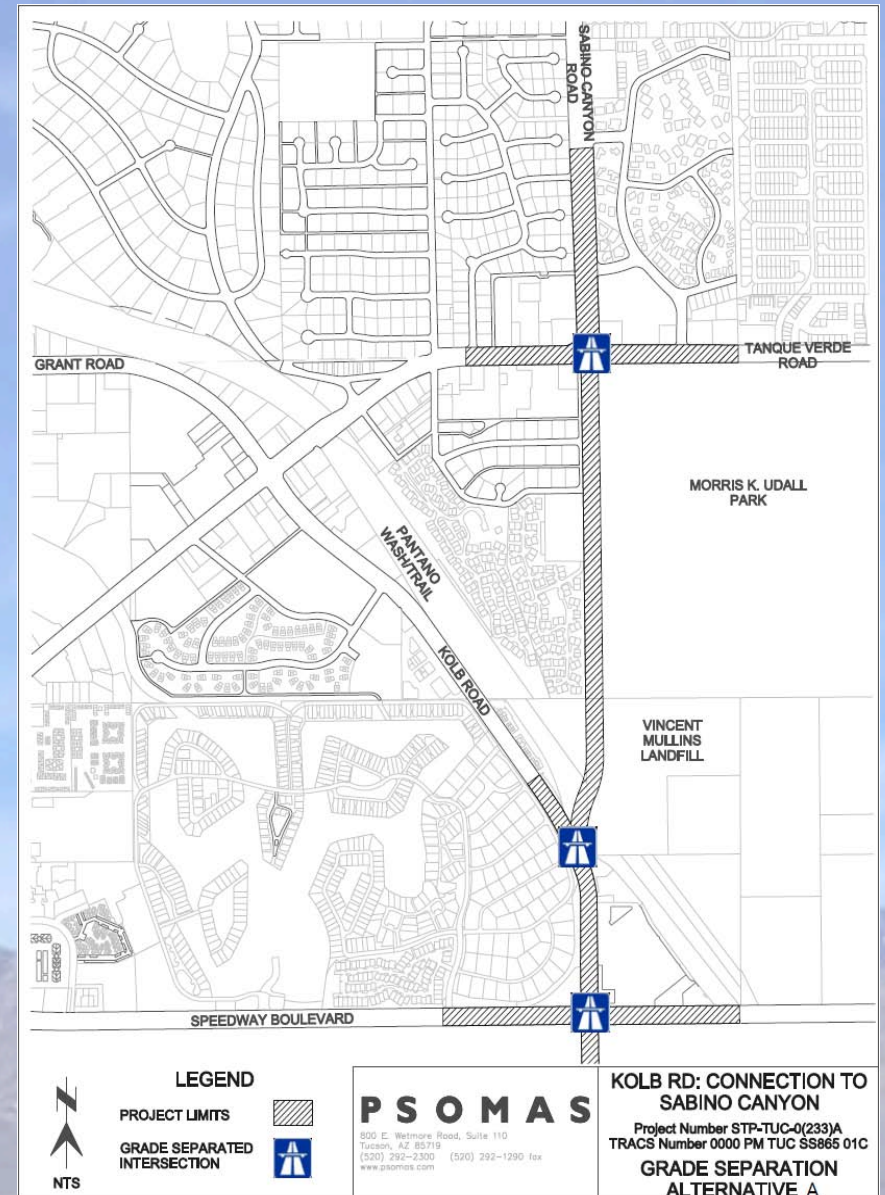


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## Kolb Extension with 3 GSIs

- 2012 Cost Estimate  
– \$108M - \$148M
- Major Property Acquisitions (Lowe's)
- Significant Business Access Impacts



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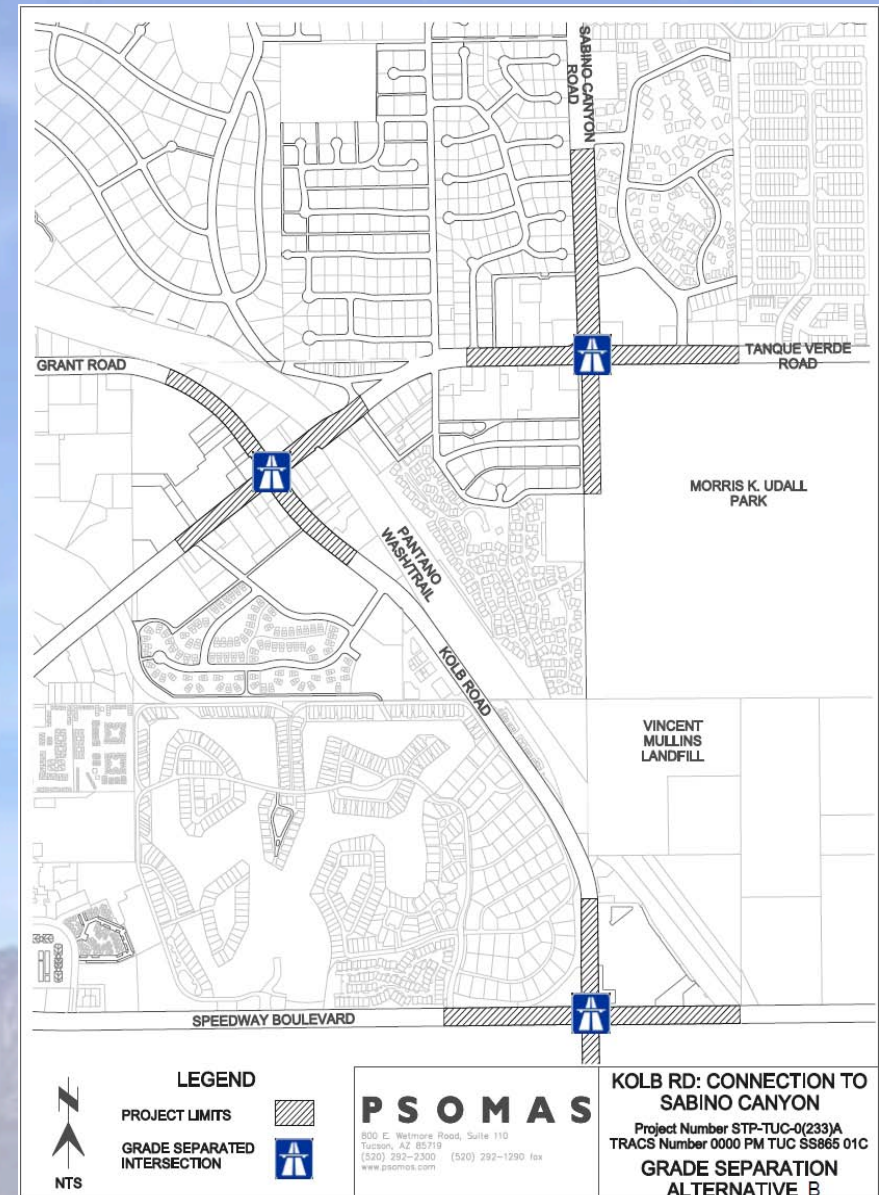


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## 3 GSIs

- 2012 Cost Estimate
  - \$64M - \$67M
- Significant Business Access Impacts



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## 2. Grade Separation Alternatives

- 1990 City Council voted to select the No Build Alternative
- 2002 Proposition 400
  - Included GSI at Tanque Verde/Grant/Kolb
  - Defeated 68% to 32%
- Eliminated from further consideration





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## 3. Parkways

- Example – Aviation Highway





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## 3. Parkways

- Parkway increase capacity by controlling access to the roadway
- Access at major arterials only
- No direct access to businesses or neighborhoods
- Eliminated from further consideration

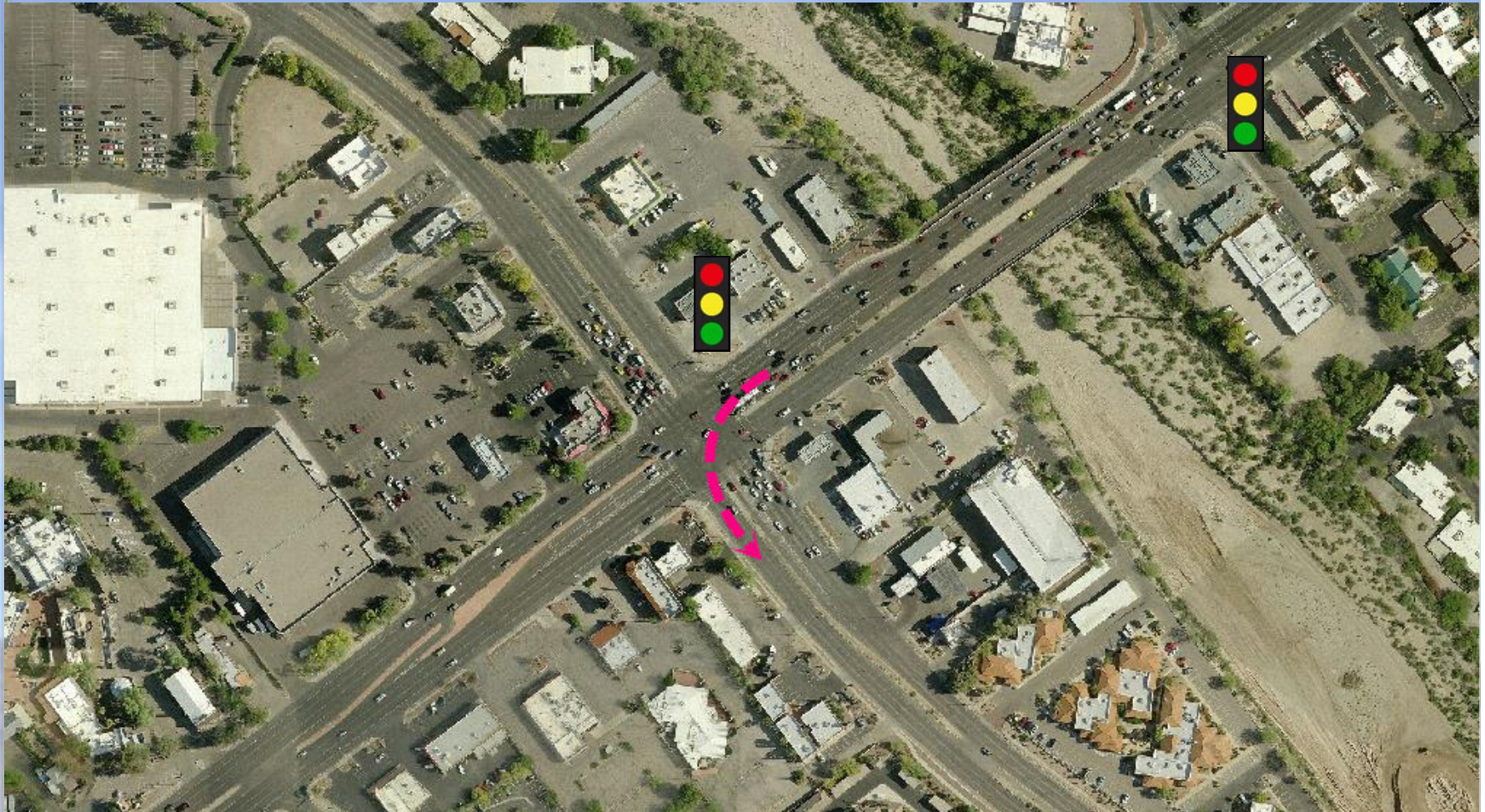




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## 4. Indirect Lefts



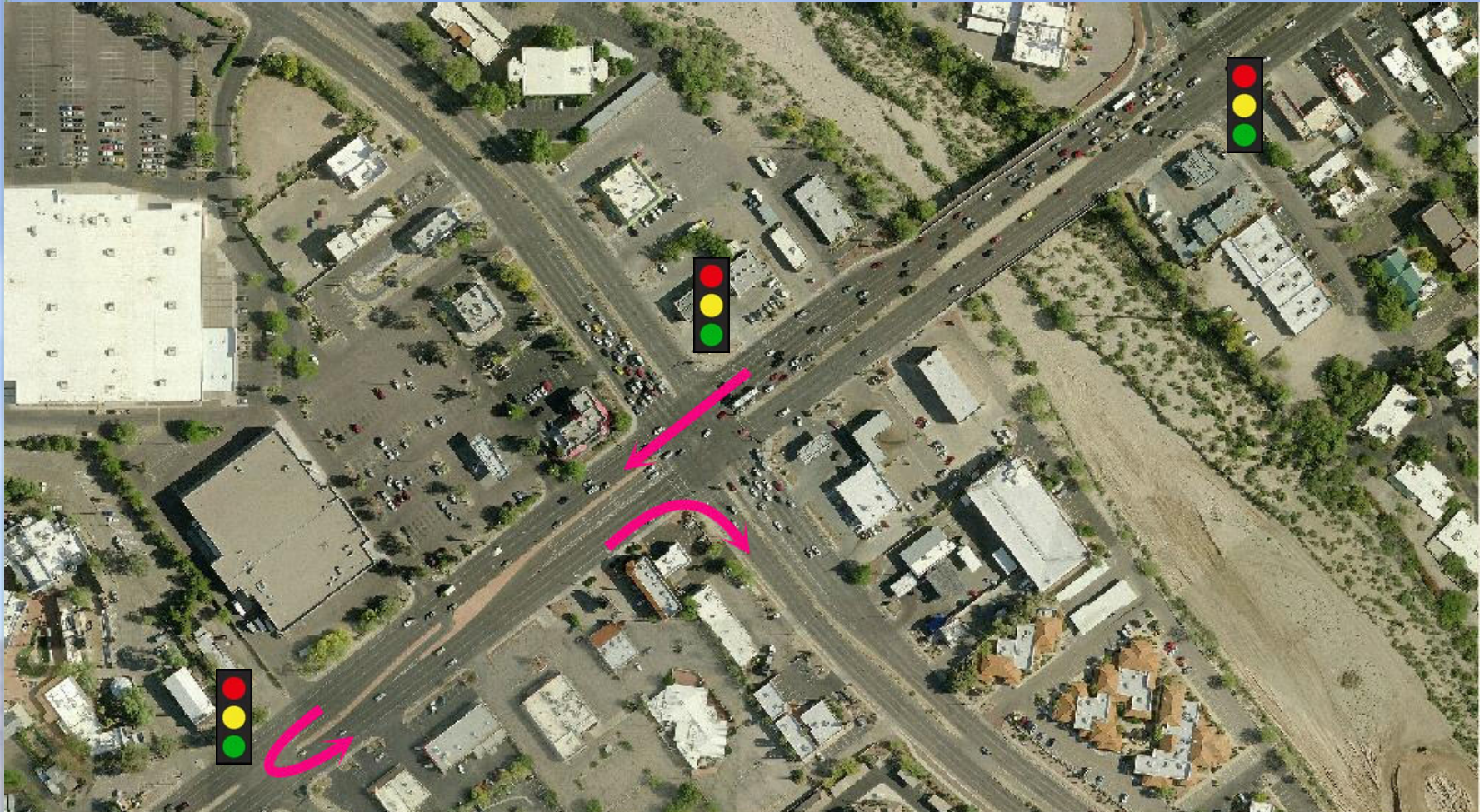




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## 4. Indirect Lefts







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## 4. Indirect Lefts

- Delay is substantially higher than the Sabino Canyon Extension
- Eliminated from further consideration



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## 5. Prudence Alignment





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## 5. Prudence Alignment

- Would not connect to the north-south arterial grid (examples – Kolb, Pantano)
- Additional Right-of-way (ROW) from residential and commercial properties
- Would lengthen the Vincent Mullins Landfill bridge
- Would require a bridge and ROW over a private landfill
- Eliminated from further consideration

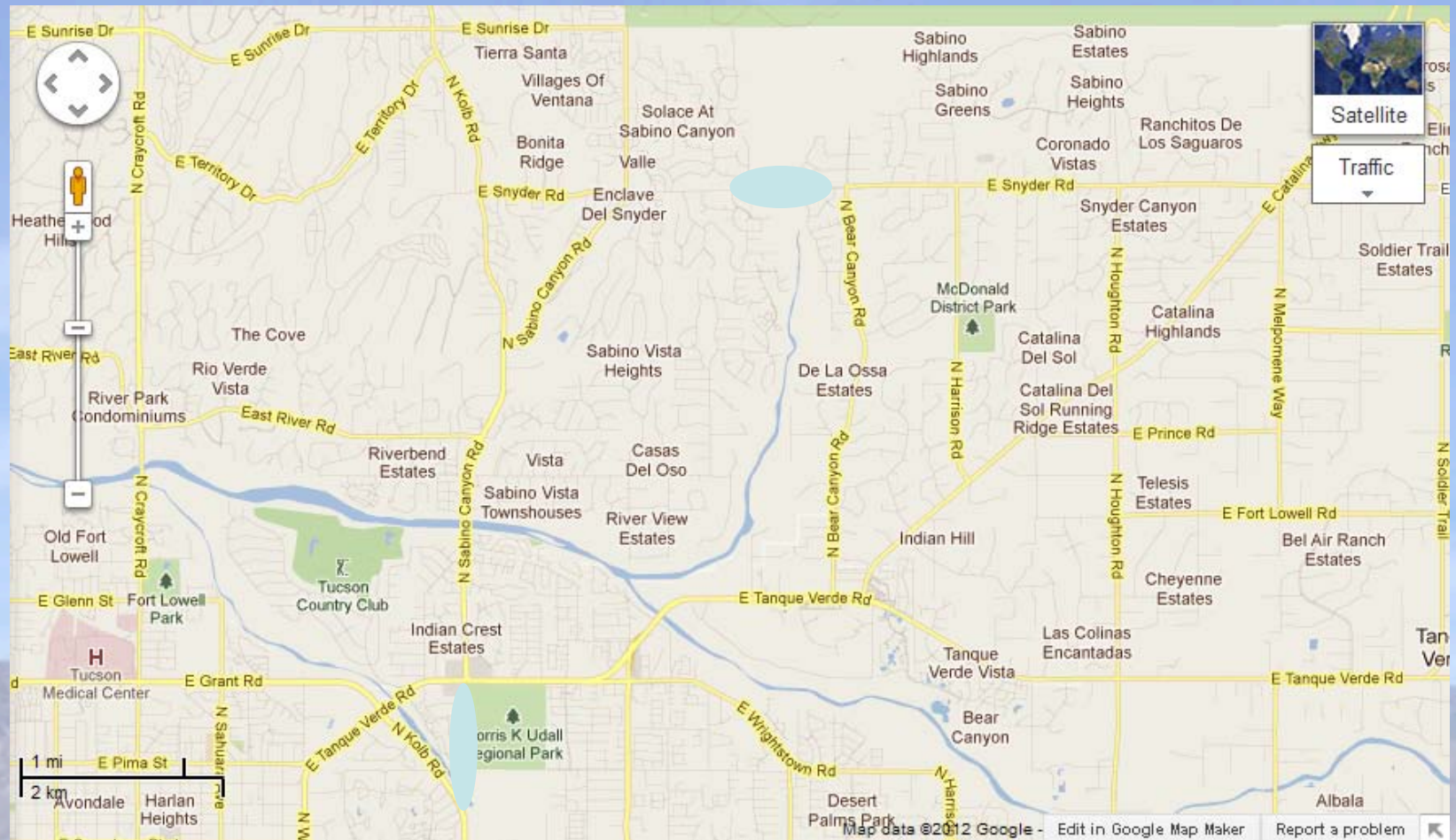




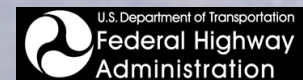
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## 6. Snyder Bridge



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## 6. Snyder Bridge







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## 6. Snyder Bridge

- Snyder Bridge – 2% less traffic than the no build
- Sabino Canyon Extension – 14% less traffic than the no build
- Limited ROW at crossing
- Sabino Creek is in Pima County's Highest Habitat Protection Priority classification
- Eliminated from further consideration





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## Section 4(f)

- **Scott Stapp**

HDR, Environmental Planner



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## Department of Transportation Act of 1966

- Prohibits “**use**” of a Section 4(f) property for a transportation project unless:
  - No feasible and prudent alternative
  - “All possible planning” is used to minimize harm
- Section 4(f) properties:
  - Publicly owned parks, recreational areas, wildlife and waterfowl refuges
  - Public and private historical sites



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**“Use of a Section 4(f) property occurs when:**

1. Permanent incorporation of land into a transportation facility;
2. Adverse temporary occupancy; or
3. Constructive use





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## Morris K. Udall Regional Park

- Owned and managed by the City of Tucson
- Bureau of Land Management (BLM)
- *Udall Park Master Plan Update*

## Pantano River Park

- Owned and managed by Pima County
  - only positive effects



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## *de minimis* (minimal) use

- Safe, Accountable, Flexible, Efficient  
Transportation Equity Act: A Legacy for Users  
(SAFETEA-LU) in 2005



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- *de minimis* use:
  - The transportation use of the Section 4(f) resource would have no adverse effect on the protected activities, features, or attributes of the Section 4(f) property
    - Parks, recreational areas, and wildlife and waterfowl refugees – concurrence from the local jurisdiction
    - Historical sites – concurrence from State Historic Preservation Officer (SHPO)

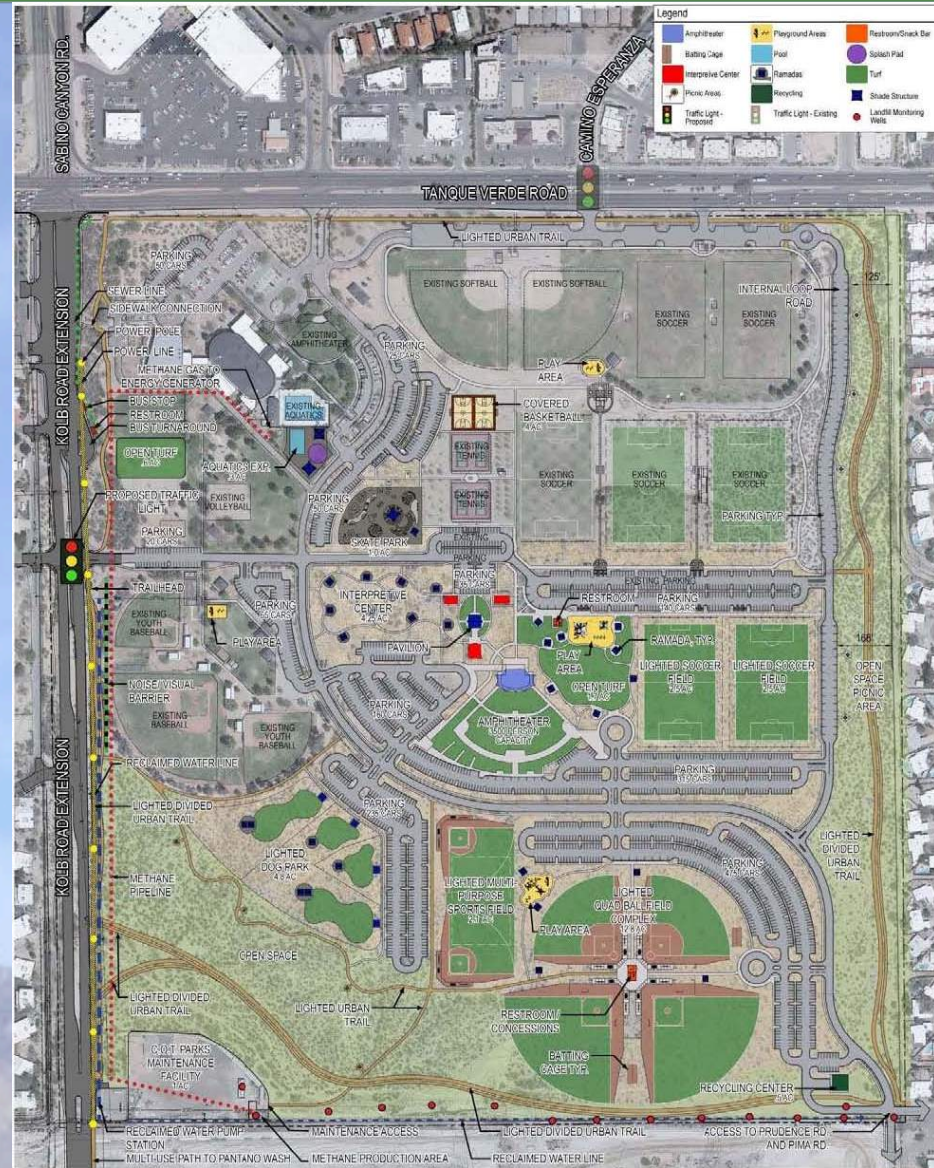




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## Udall Park: *de minimis* use



**UDALL PARK MASTER PLAN UPDATE**  
FINAL MASTER PLAN - Approved by Mayor and Council June 7, 2011 - Resolution 21770  
TUCSON PARKS AND RECREATION DEPARTMENT





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## Udall Park: *de minimis* use

- Protected activities, features or attributes:
  - Recreational areas (existing and planned)
  - Community center
  - Access





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- Findings:
  - No developed portion of the park is impacted
  - No protected activities, features or attributes would be affected
  - No reduction in access
  - *Udall Park Master Plan Update (2010)*
  - Noise barrier at the ball field
  - Enhancements to multimodal access with connection to Pantano River Park





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## Agency/Public Coordination

- Morris K. Udall Regional Park
  - BLM concurred with the *de minimis* use finding
  - City of Tucson concurred with the *de minimis* use finding
  - Public Input
    - Public Meetings
    - *Udall Park Master Plan Update* process
    - Tonight's Meeting



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## Next Steps – Jan Gordley

- Public Artist Meeting sponsored by Tucson-Pima Arts Council
- Draft Environmental Assessment/Public Hearing – Late 2012

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# THANK YOU FOR YOUR PARTICIPATION!

[www.tucsonaz.gov/kolbsabinconnection](http://www.tucsonaz.gov/kolbsabinconnection)

March 27, 2012

